

APPLICANT:

Spertini  
U.S.S.N. 09/506,978

***In the Claims:***

Replace the pending claims with the following.

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B4
28. (Amended) A method of modulating an immune response, said method comprising administering a substantially pure polypeptide comprising an amino acid sequence at least 70% identical to the amino acid sequence of SEQ ID NO:1 to a subject in need thereof in an amount sufficient to inhibit an immune reaction by the subject against said polypeptide.
29. (Amended) The method of claim 28, further comprising administering a second bee venom polypeptide to said subject.
30. (Amended) The method of claim 29, wherein the second bee venom polypeptide is selected from the group consisting of phospholipase A<sub>2</sub>, hyaluronidase, allergen C, mellitin, adolapin, minimine, acid phosphatase, protease inhibitor, and acid phosphatase, and glycosylated IgE-binding proteins, or analogs or derivatives thereof.
36. (New) The method of claim 28, further comprising administering one or more additional bee venom polypeptides to said subject.
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B5
37. (New) A method of modulating an immune response, said method comprising administering a substantially pure polypeptide comprising a fragment of the amino acid sequence of SEQ ID NO:1 to a subject in need thereof in an amount sufficient to inhibit an immune reaction by the subject against said polypeptide.
38. (New) The method of claim 37, wherein the polypeptide is a fragment of between 6-72 amino acids in length.
39. (New) The method of claim 37, wherein the polypeptide is a fragment of between 20-72 amino acids in length.
40. (New) The method of claim 37, wherein the polypeptide is a fragment of between 30-70 amino acids in length.
41. (New) The method of claim 37, wherein the polypeptide is a fragment of between 40-60 amino acids in length.
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42. (New) The method of claim 37, further comprising administering one or more additional bee venom polypeptides to said subject.

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43. (New) The method of claim 42, wherein said one or more additional bee venom polypeptides are selected from the group consisting of phospholipase A<sub>2</sub>, hyaluronidase, allergen C, mellitin, adolapin, minimine, acid phosphatase, protease inhibitor, and acid phosphatase, and glycosylated IgE-binding proteins, or analogs or derivatives thereof.

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44. (New) A method of modulating an immune response, said method comprising administering one or more substantially pure polypeptides wherein said one or more polypeptides comprise fragments of the amino acid sequence of SEQ ID NO:1 to a subject in need thereof, in an amount sufficient to inhibit an immune reaction by the subject against said one or more polypeptides.

45. (New) The method of claim 44, further comprising administering one or more additional bee venom polypeptides to said subject.

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46. (New) The method of claim 45, wherein said one or more additional bee venom polypeptides are selected from the group consisting of phospholipase A<sub>2</sub>, hyaluronidase, allergen C, mellitin, adolapin, minimine, acid phosphatase, protease inhibitor, and acid phosphatase, and glycosylated IgE-binding proteins, or analogs or derivatives thereof.